

## **CURRICULUM VITAE**

### **Brahmajee Kartik Nallamothe, MD, MPH, FACC, FAHA**

Associate Professor of Internal Medicine

University of Michigan Health System

Division of Cardiovascular Medicine

Cardiovascular Center

CPU 2-A, SPC 5253

Ann Arbor, MI 48109-5853

Phone: 734.232.4318

Fax: 734.214.0691

Citizenship: United States

Title and Contents	Page 1
Education and Training	Page 2
Certification and Licensure	Page 2-3
Academic, Administrative, and Clinical Appointments	Page 3
Grants	Page 3-4
Honors and Awards	Page 4-5
Memberships in Professional Societies	Page 5
Editorial Positions, Boards, and Peer-Review Service	Page 5-7
Teaching	Page 7-9
Committee, Organizational, and Volunteer Service	Page 9-10
Visiting Professorships, Seminars, and Extramural Invited Presentations	Page 11-15
Bibliography	Page 15-33

**Brahmajee Kartik Nallamothu, MD, MPH, FACC, FAHA**

Associate Professor of Internal Medicine

University of Michigan Health System

Division of Cardiovascular Medicine

Cardiovascular Center

CPU 2-A, SPC 5253

Ann Arbor, MI 48109-5853

Phone: 734.232.4318

Fax: 734.214.0691

Citizenship: United States

**Education**

*Undergraduate and Graduate Training*

09/1998-05/2000 University of Michigan School of Public Health, MPH

08/1993-06/1995 Wayne State University School of Medicine, MD

06/1989-06/1993 Kent State University, Northeastern Ohio Universities College of Medicine, Combined 6-Year BS/MD Program

*Residency and Post-Doctoral Training*

07/2002-06/2004 Division of Cardiology, Interventional Fellow, University of Michigan Hospitals

07/2000-06/2002 Division of Cardiology, Fellow, University of Michigan Hospitals

07/1998-06/2000 Division of General Medicine, Agency for Health Care Policy and Research (AHCPR) Fellow, University of Michigan Hospitals

07/1995-06/1998 Department of Internal Medicine, House Officer, University of Michigan Hospitals

**Certifications and Licensure**

2005 Diplomat of the American Board of Internal Medicine – Interventional Cardiology

2003 Diplomat of the American Board of Internal Medicine – Cardiovascular Disease

1998 Diplomat of the American Board of Internal Medicine

1996 USMLE Step III

1995	DEA Licensure
1995	Michigan State Medical Licensure
1995	USMLE Step II
1993	USMLE Step I

### **Academic, Administrative, and Clinical Appointments**

09/2009-	Associate Professor, Department of Internal Medicine, University of Michigan Medical School
02/2007-	Co-Director, Specialist-Hospitalist Alliance Research Program (SHARP), Department of Internal Medicine, University of Michigan Hospitals
07/2004-	Investigator, Health Services Research and Development Center, Center of Excellence, Ann Arbor VA Medical Center
07/2002-	Affiliated Faculty Researcher, Patient Safety Enhancement Program, University of Michigan Hospitals
2004-2009	Assistant Professor, Department of Internal Medicine, University of Michigan Medical School
1998-2002	Lecturer, Division of General Medicine, Department of Internal Medicine, University of Michigan Medical School

### **Research Interests**

1. Health Policy and Outcomes Research in Cardiovascular Disease
2. Use of Specialized Cardiovascular Procedures Across Patient Populations
3. Acute Reperfusion Therapy in ST-Elevation Myocardial Infarction

### **Grant Support**

#### *Present & Active*

1. **Role: Principal Investigator** (20% effort), Carotid artery stenting in the elderly, NIH NIA (1 R21 AG032155-01A1). This is an R21 funded project to look at the patterns of utilization and outcomes in carotid artery stenting using population-based approaches with Medicare data. Dates, 9/2008-9/2010. Funded Amount, \$348,000.

2. **Role: Site Principal Investigator** (contributed effort), DIVA Trial CSP #571 VA Co-operative Studies. This is a multi-center trial VA trial examining the role of drug-eluting stents in saphenous vein graft interventions.

#### *Submitted*

1. **Role: Principal Investigator**, Cardiac Computed Tomography Angiography in the Elderly, R01 Proposal.
2. **Role: Co-Principal Investigator** (along with Dr. Mary Rogers), Transfusion Utilization and Outcomes in Elderly Americans, R01 Proposal.

#### *Completed*

1. **Role: Site Principal Investigator** (5% effort), Translational Research Investigating Underlying Disparities in Acute Myocardial Infarction Patients' Health Status (TRIUMPH). This is a multi-center evaluation of the biologic, clinical and socioeconomic factors that are associated with outcomes among African Americans and Caucasians following AMI. Dates 3/2008-12/2009. Funded Amount, Spertus (PI) – MAHI/St. Luke's Kansas City (Coordinating Center). Funded Amount, \$14,500.
2. **Role: Principal Investigator** (30% effort), Impact of specialty hospitals on healthcare utilization, AHRQ (1 R01 HS015571-01A1). This is an R01 funded project to look at the impact of cardiovascular and orthopedic specialty hospitals on population-based procedural utilization rates using national Medicare data. Dates, 10/2005-9/2008 (ie, this grant ends on 9/30/2008).
3. Principal Investigator: David Schteingart, **Role: Scholar** (75% effort), K-12 Mentored Clinical Scholars Program, NIH (RR017607-01).
4. **Role: Co-Principal Investigator and Faculty Advisor** (3% contributed effort), Preventing Deaths from Inpatient Cardiac Arrests, Blue Cross Blue-Shield of Michigan Foundation. This is a pilot grant to examine quality of care in inpatient cardiac arrests using implicit review by physicians. Dates, 10/2008-10/2009. Funded Amount \$9,775.
5. Principal Investigator: Kenneth E. Langa, **Role: Consultant**, Long-term requirements of elderly patients undergoing coronary artery bypass grafting in Michigan, Blue-Cross Blue-Shield of Michigan Foundation.
6. Principal Investigator: Kim A. Eagle, **Role: Scholar**, Mardigian Foundation.

## **Honors and Awards**

2009                      Fellow, American Heart Association (FAHA)

2008	Service Award, Guideline-Applied-in-Practice (GAP) D2B Alliance
2005	Fellow, American College of Cardiology (FACC)
2002	<u>Finalist for Outstanding Poster Competition</u> from the European Society of Cardiology (ESC) at the Annual Meeting
2002	<u>Finalist for Outstanding Abstract Competition</u> from the Michigan Chapter of the American College of Cardiology (Michigan ACC)
2000	<u>Elizabeth Barrett-Connor Young Investigator Award</u> from the American Heart Association (AHA) Scientific Council on Epidemiology and Prevention for Excellence in Research by an Investigator in Training
2000	<u>Mack Lipkin Senior Associate Award</u> from the Society of General Internal Medicine (SGIM) for Outstanding Scientific Presentation at the Annual Meeting by an Investigator in Training
1998	<u>House Officer Research Award</u> , University of Michigan Internal Medicine Residency Training Program
1994	Alumni Scholarship Recipient, Wayne State University
1991	Summa Cum Laude, Kent State University

## **Membership in Professional Societies**

2000-Current	American College of Cardiology
2004-Current	American Heart Association
1998-2000	American College of Physicians
1998-2000	Society of General Internal Medicine

## **Study Sections, Editorial Positions, Boards, and Peer-Review Service**

### *Study Sections*

1. Ad Hoc Member, Health Systems Organization and Delivery Study Section (HSOD), Health of the population Integrated Review Group, National Institutes of Health, 2/2008. Bethesda, MD

2. Reviewer, American Association for the Advancement of Science (AAAS), Life Sciences Discovery Fund, 12/2007. Washington State.
3. Ad Hoc Member, Health Systems Organization and Delivery Study Section (HSOD), Health of the population Integrated Review Group, National Institutes of Health, 6/2007. Bethesda, MD

#### *Editorial Board*

1. Guest Editor, *Circulation*
2. Assistant Editor, *Circulation: Quality & Outcomes*
3. Assistant Editor, *Journal of Hospital Medicine*
4. Assistant Editor, *Journal of Clinical Outcomes Management*

#### *Peer-Review Service*

1. Reviewer, Collaborative Research on the Clinical Effectiveness and Long-term Outcome of Stents in Coronary Interventions. Agency for Healthcare Research and Quality (AHRQ). 11/2009.
2. Reviewer, 2007 Focused Update of the 2004 ACC/AHA Guidelines for the Treatment of Patients With ST-Elevation Myocardial Infarction. American College of Cardiology/American Heart Association, 2008.
3. Reviewer, AHA/California STEMI/NSTEMI Systems Work Group on Instituting STEMI systems of care, 2008.
4. Member, Planning Committee Co-operative Studies Program, Veterans Administration, EDIT Trial. PI: McFalls E. (Study ultimately not funded in 2008.)

#### *Ad hoc Journal Reviewer*

1. *New England Journal of Medicine* (2007-Present)
2. *JAMA* (2005-Present)
3. *Circulation* (2004-Present)
4. *JACC* (2002-Present)
5. *JACC – Intervention* (2008-Present)

6. *European Heart Journal* (2007-Present)
7. *Archives of Internal Medicine* (1998-Present)
8. *Annals of Internal Medicine* (2005-Present)
9. *BMC Health Services Research* (2005-Present)
10. *BMC Cardiovascular Diseases* (2005-Present)
11. *Medical Care* (2005-Present)
12. *Health Services Research* (2006-Present)
13. *American Heart Journal* (2006-Present)
14. *American Journal of Cardiology* (2006-Present)
15. *Canadian Medical Association Journal* (2005-Present)

## Teaching

- 2004-Present Weekly Cine Review Conference, Interventional Cardiology Fellows
- 12/2009 *Inspection, Palpation and Auscultation in the Cardiac Examination*, Small Group Clinical Practicum.
- 12/2009 *The Cardiac Physical Examination*, 1<sup>st</sup> Year Student Curriculum, University of Michigan Medical School.
- 11/2009 *Academic Cardiology: An Overview of Research and the Fellows-in-Training Pathway*. Division of Cardiology, University of Michigan
- 8/2009 Faculty Group Leader, ENCORE Medical Student Education Program, Medical Decision – Making Small Group Session, Department of Internal Medicine, University of Michigan Hospitals. Ann Arbor, Michigan
- 2009 Secondary Prevention of Coronary Artery Disease: Online Guidelines. Co-author. Audience: primary care clinicians and other health care providers who treat adults with this condition. (Available through the UM CME web site: [cme.med.umich.edu](http://cme.med.umich.edu))
- 3/2009 *Intravascular Contrast Agents and Contrast Nephropathy*. Cardiac Catheterization Conference, Department of Internal Medicine, University of Michigan Hospitals. Ann Arbor, Michigan

- 12/2008      *The Cardiac Physical Examination*, 1<sup>st</sup> Year Student Curriculum, University of Michigan Medical School.
- 03/2008      *Intravascular Contrast Agents and Contrast Nephropathy*. Cardiac Catheterization Conference, Department of Internal Medicine, University of Michigan Hospitals. Ann Arbor, Michigan
- 12/2007      *Research and Fellows Training Pathway*. Division of Cardiology, University of Michigan
- 12/2007      *Inspection, Palpation and Auscultation in the Cardiac Examination*, Small Group Clinical Practicum.
- 12/2007      *The Cardiac Physical Examination*, 1<sup>st</sup> Year Student Curriculum, University of Michigan Medical School.
- 10/2007      Small Group Leader: 2<sup>nd</sup>-Year Student Curriculum, Cardiovascular Sequence, and University of Michigan Medical School
- 10/2007      *Acute Myocardial Infarction: Advances in Diagnosis and Therapy*. Noon Conference for Internal Medicine House Officers
- 01/2007      *Update on Iodinated Contrast*. Cardiac Catheterization Conference, Division of Cardiology, University of Michigan
- 10/2006      Small Group Leader: 2<sup>nd</sup>-Year Student Curriculum, Cardiovascular Sequence, and University of Michigan Medical School
- 04/2006      *ST Elevation Myocardial Infarction: The Interventionalist's Perspective*, Intern Noon Conference
- 04/2006      *Acute Myocardial Infarction: What's New?* Noon Conference for Internal Medicine House Officers
- 03/2006      *Evidenced-Based Medicine Seminar – 4<sup>th</sup> Year Clerkship: How to interpret studies on causation?* University of Michigan Medical School
- 01/2006      *Update on Iodinated Contrast*. Cardiac Catheterization Conference, Division of Cardiology, University of Michigan
- 02/2005      *Cardiac catheterization for the non-cardiologist*. Noon Conference for Internal Medicine House Officers
- 01/2005      *Approach to Acute Coronary Syndromes for the House Officer*. Noon Conference for Internal Medicine House Officers, University of Michigan



01/2005	<i>Approach to Iodinated Contrast and Its Complications.</i> Cardiac Catheterization Conference, Division of Cardiology, University of Michigan
09/2004	Journal Club, Faculty Mentor
09-12/2003	Cardiovascular Consultant: Undergraduate Course, Biomedical Engineering & Human Values, University of Michigan
09-12/2002	Cardiovascular Consultant: Undergraduate Course, Biomedical Engineering & Human Values, University of Michigan
2002-2004	Combined Cardiology and Cardiothoracic Surgery Case Conference Presenter at bi-weekly multidisciplinary conference, University of Michigan Hospital, Ann Arbor, Michigan.
01/2004	<i>Iodinated Contrast and Complications Associated with Its Use.</i> Cardiac Catheterization Conference, Division of Cardiology, University of Michigan. Ann Arbor, Michigan
03/2003	<i>Cardiovascular Pharmacology.</i> Cardiac Catheterization Conference, Division of Cardiology, University of Michigan. Ann Arbor, Michigan
02/2003	<i>Saphenous Vein Graft Disease.</i> Cardiac Catheterization Conference, Division of Cardiology, University of Michigan. Ann Arbor, Michigan
2001-2003	<i>Combined Cardiology and Cardiothoracic Surgery Case Conference</i> Presenter at weekly multidisciplinary conference, Ann Arbor VA Medical Center, Ann Arbor, Michigan.
01/2002	<i>Contrast-Associated Nephropathy.</i> Cardiac Catheterization Conference, Division of Cardiology, University of Michigan. Ann Arbor, Michigan
03/2001	<i>Atrial Septal Defects: Options for Percutaneous Closure.</i> Cardiac Catheterization Conference, Division of Cardiology, University of Michigan. Ann Arbor, Michigan
10/2000	Small Group Leader: 2 <sup>nd</sup> -Year Student Curriculum, Cardiovascular Sequence, and University of Michigan Medical School
1998-2000	Clinic Mentor, General Medicine Residents Clinic: Ann Arbor VA Medical Center, Michigan

## **Committee, Organizational, and Volunteer Service**

### *National Committees*

2010-Present Member, ACC/AHA 2010 PCI Writing Committee

2010-Present NCDR Public Reporting Measures Workgroup, American College of Cardiology

2009-Present Co-Chair, Physician Consortium for Performance Improvement (PCPI)/ National Committee for Quality Assurance (NCQA) on Percutaneous Coronary Intervention

2009-Present Chair, CART-CL Research & Publications Committee – VA National Project for Cardiovascular Patient Care

2009-Present Member, IHD QUERI, VA National Committee

2009-Present Member, AHA/QCOR Conference Planning Program Committee

2009-Present Member, AHA Council on Clinical Cardiology's Acute Cardiac Care and General Cardiology Committee Meeting

2009-Present ACC 2010/2011 Program Planning Committee

2009-Present Member, NCDR National Data Report Writing Group

2009-Present Member, ACC/IHI Home-to-Hospital (H2H) Excellence in Transitions Research & Evaluation Subcommittee

2008-Present Member, AHA Steering Committee in Michigan for the Mission: Lifeline Program

2007-Present Member, CART-CL Clinical Advisory Committee – VA National Project for Cardiovascular Patient Care

2007-Present Reviewer, AHA Scientific Sessions, Abstracts

2007-2009 Member, ACC – ACTION Registry Quality Improvement Subcommittee

2007-2009 Member, ACC – Improving Continuous Cardiac Care, (IC3) Committee

2006-2009 Member, ACC – National Cardiovascular Data Registry CathPCI Registry Research and Publications Subcommittee

2007-2008 Member, ACC/AHA 2007 STEMI/NSTEMI Performance Measures Writing Committee

- 2006-2008     Steering Committee Member, D2B Alliance of the American College of Cardiology
- 2006-2008     Chair, Research & Evaluation Subcommittee, D2B Alliance of the American College of Cardiology
- 2006            Chair, Subcommittee on Gaps, Barriers and Implications to the Development of STEMI Systems of Care, American Heart Association

*Institutional Committees*

- 2010-Present   Member, Space Planning Committee, Center for Healthcare Outcomes and Policy (CHOP), Institute for Healthcare Policy and Innovation, North Campus Research Complex, Ann Arbor, Michigan
- 2010-Present   Member, University of Michigan Health System CPR/ACLS Committee, Ann Arbor, Michigan
- 2009-Present   Member, VA Institutional Review Board (IRB): Subcommittee on Human Studies – VA Ann Arbor Healthcare System, Ann Arbor, Michigan
- 2009            Member, UMHS Health Services Research Institute Planning Committee for the North Campus Research Complex, Ann Arbor, Michigan
- 2007-Present   Member, Data Safety Monitoring Board, Mobilizing Peer Support for Effective Heart Failure Self-Management., VA HSR&D Center of Excellence, Ann Arbor, Michigan
- 2008-2009     Member, CVC Strategic Planning Initiative - Clinical Research Collaborative Team, representing Internal Medicine and the Division of Cardiovascular Medicine, University of Michigan, Ann Arbor, Michigan
- 2007-2009     Member, UMHS Guidelines for Secondary Prevention of CAD Writing Committee, Ann Arbor, Michigan

**Visiting Professorships, Seminars, and Extramural Invite Presentations**

*Institutional*

- 05/2010        *PCI in AMI: Moving from Patients to Policy.* Cardiovascular Grand Rounds, University of Michigan. Ann Arbor, Michigan.
- 02/2010        *Trans-septal catheterization and PBMV.* Cardiac Catheterization Conference, Division of Cardiology, University of Michigan

- 05/2009 *Update on Acute Coronary Syndromes.* VA Noon Conference, House Officer Seminar. VA Health Services, Ann Arbor, Michigan.
- 01/2008 *Specialty Cardiac Hospitals: The Good, The Bad, & The Ugly.* Cardiovascular Grand Rounds, University of Michigan. Ann Arbor, Michigan.
- 06/2006 *Primary PCI and Fibrinolytic Therapy in Acute Myocardial Infarction.* Cardiovascular Grand Rounds, University of Michigan. Ann Arbor, MI.
- 05/2005 *Acute Reperfusion Therapy in ST-Elevation Myocardial Infarction: From Patient to Policy.* Cardiovascular Grand Rounds, University of Michigan. Ann Arbor, Michigan.
- 01/2005 *Space and Time in the Regionalization of Care for Acute Coronary Syndromes.* VA Health Services Research and Development Research Seminar. VA Health Services, Ann Arbor, Michigan.
- 05/2003 *Infarctlets, CK bumps, Enzyme Leaks and Troponisms: Euphemisms for the Modern-Day Interventionalist?* Cardiovascular Research Conference, Division of Cardiology, University of Michigan. Ann Arbor, Michigan.
- 05/2003 *Troponin-I Elevation after Percutaneous Coronary Intervention.* Fellows' Forum for 2003 University of Michigan Franklin Johnston Visiting Professor, Dr. Eric Olson, Ann Arbor, Michigan.
- 05/1998 *Homocysteine Reduction in Cardiovascular Disease.* Grand Rounds, Department of Internal Medicine, University of Michigan Hospitals. Ann Arbor, Michigan.

#### *Regional*

- 01/2010 *STEMI Guidelines Update and Performance Measures,* McLaren Hospital, Flint, Michigan
- 11/2009 *Non-STEMI and Acute Coronary Syndromes Guidelines Update and Performance Measures,* McLaren Hospital, Flint, Michigan
- 10/2009 Invited Speaker, Michigan State Medical Society (MSMS), ACS Update, Troy, Michigan
- 07/2009 Invited Speaker, Michigan Heart & Art Conference, *Care of the Patient with Recent Acute Myocardial Infarction.* Ann Arbor, Michigan
- 01/2009 *Non-STEMI and Acute Coronary Syndromes Guidelines Update and Performance Measures,* McLaren Hospital, Flint, Michigan

- 12/2008      *STEMI Guidelines Update and Performance Measures*, McLaren Hospital, Flint, Michigan
- 11/2008      Invited Speaker, *STEMI Systems of Care: Opportunities and Challenges* AHA Midwest Affiliate, Lansing, Michigan.
- 04/2008      *Writing, Organizing & Presenting Research*. Michigan Chapter of the American College of Cardiology (ACC) Fellows Conference. Detroit, Michigan.
- 10/2002      *Troponin-I elevation after percutaneous coronary intervention*. Poster Session of the Michigan Chapter of the American College of Cardiology (ACC). Traverse City, Michigan.
- 09/1999      *The Potential Clinical and Economic Effects of Homocysteine Reduction: A Decision Analysis*. Plenary Session of the Midwest Regional Meeting of the Society of General Internal Medicine (SGIM). Chicago, Illinois.

*National and International*

- 5/2010      Invited Moderator, Plenary Session, *Comparative Effectiveness Research Re-visited: New Research or Re-Packaging Old Idease*. AHA Scientific Sessions Quality of Care and Outcomes Conference, Washington, DC.
- 4/2010      Invited Speaker, *Acute MI and Primary PCI: Moving from Patient to Policy*. Cardiovascular Medicine Grand Rounds, University of Kentucky. Lexington, Kentucky.
- 2/2010      Invited Speaker, *Novel Tools in STEMI Interventions: Intracoronary Drug Delivery, Thrombectomy Devices & More*, LUMEN 2010 Symposium on Optimal Treatments for AMI, Miami, Florida
- 2/2010      Invited Speaker, *The Great Debates: Which Artery to Use In Primary PCI? -Stay the Femoral Course*, LUMEN 2010 Symposium on Optimal Treatments for AMI, Miami, Florida
- 10/2009      External Observer, *Mitral Valvuloplasty Seminar and Training*. GB Panth Hospital, New Delhi, U.P., India.
- 04/2009      Invited Speaker, *Updating the D2B Initiative*. Emory University School of Medicine EPIC Conference, Atlanta, Georgia.
- 04/2009      Invited Speaker, *Quality Improvement in STEMI Care: Beyond Door-to-Balloon Time*. The Quality of Care and Outcomes in Cardiovascular Disease and Stroke Conference, AHA Scientific Sessions 2009, Washington D.C.

- 03/2009      Invited Speaker, *Fibrinolytic Therapy versus Primary PCI: Who, What, Where & How Far to Go?*. STEMI Systems of Care Session. ACC Scientific Sessions 2009, Orlando, Florida.
- 02/2009      Invited Speaker, *Door 2 Balloon Times—Clinical Relevance & Pragmatic Methods of Reducing D2B Time*. LUMEN. Miami, Florida.
- 11/2008      Invited Speaker, *Have Door-to-Balloon Times Improved After Initiation of the D2B Alliance? An Analysis of the Get-With-The-Guidelines Registry*. AHA Scientific Sessions 2008, New Orleans, Louisiana.
- 10/2008      External Observer, *Mitral Valvuloplasty Seminar and Training*. Osmania General Hospital, Hyderabad, A.P., India.
- 05/2008      Invited Speaker, *Results of the ACC's D2B Alliance: Where are we and what's next?* ACC Emergency CV Care 2008, Washington, D.C.
- 04/2008      Invited Speaker, *Reperfusion Therapy: Biological Significance to National Imperative*. Emory University School of Medicine EPIC Conference. Atlanta, Georgia.
- 04/2008      Invited Speaker, *Evaluation of the Door-to-Balloon Alliance*. ACC Scientific Session, Chicago, Illinois.
- 12/2007      Invited Speaker, *Timely Use of Primary PCI*, National Quality Indicator PCI Panel Meeting. Toronto, Ontario.
- 11/2007      Invited Speaker, *Timely Use of Primary PCI*, D2D Initiatives: Revolutionary Care for Care for AMI. ACC-Wisconsin Chapter, Milwaukee, Wisconsin.
- 11/2007      Invited Discussant, Plenary Session, *Late Breaking Clinical Trials II- PCI in the OAT Trail: Lots of Bucks, Not Much Bang*. AHA Scientific Sessions, Orlando, Florida.
- 11/2007      Invited Speaker, *D2B Alliance: Where are we and what have we learned?* AHA National Scientific Sessions, Orlando, Florida.
- 11/2007      Invited Speaker, *D2B: A National Effort to Improve the Toughest Aspect of AMI Care*, AHA National Scientific Sessions, Orlando, Florida.
- 10/2007      Invited Speaker, *What to do when you're not in Denmark: Specific US Hospital strategies for reducing time to reperfusion*. International Experts' Meeting. Cascais, Portugal.
- 06/2007      Invited Speaker, *Review of the ACC's D2B Alliance: Where are we and what's next?* ACC Emergency CV Care 2007, Washington, D.C.

- 05/2007      Invited Speaker, *Achieving timely reperfusion in STEMI*. Henry Ford Health System, Cardiovascular Grand Rounds, Detroit, Michigan.
- 12/2006      Invited Speaker, *Improving door-to-balloon time for acute STEMI: A how to manual*. Duke Cardiovascular Cath Lab Conference Series, Durham, North Carolina.
- 11/2006      Invited Speaker, *How to Session: How to Set up a Regional System for MI Care*. AHA National Scientific Sessions 2007, Chicago, Illinois.
- 11/2006      *Time-to-Reperfusion in Patients Undergoing Inter-hospital Transfer for Primary Percutaneous Coronary Intervention in the United States: Results from the National Cardiovascular Data Registry*. AHA National Scientific Sessions, Chicago, Illinois.
- 11/2006      *Contemporary Analysis of the Association between Hospital Volume and In-Hospital Death in Patients Undergoing Percutaneous Coronary Intervention: Results from the National Cardiovascular Data Registry*. AHA National Scientific Sessions, Chicago Illinois.
- 05/2006      *Declines in population-based rates of hospitalization for acute myocardial infarction and coronary revascularization in the United States*. Poster Session of the AHA National Scientific Sessions, Washington D.C.
- 03/2006      Invited Speaker, *Driving Times and Distances to Hospitals with Percutaneous Coronary Intervention in the United States*. Health Outcomes and Policy Seminar of the ACC Scientific Session. Atlanta, Georgia.
- 05/2006      Invited Speaker, *Concurrent Session on Improving Quality of Care in STEMI Patients at the 7<sup>th</sup> Scientific Forum on Quality of Care and Outcomes Research – National performance measures for acute reperfusion therapy*, AHA National Scientific Sessions, Washington, D.C.
- 04/2006      Invited Speaker, *Setting the Pace – National Performance on Times to Reperfusion*, VHA Forum on Improving Times to Reperfusion, Chicago, Illinois.
- 03/2006      Invited Speaker, *Development of Systems of Care for STEMI Patients – What are the gaps, barriers, and implications of STEMI systems of care?*, AHA National Scientific Sessions, Boston, Massachusetts.
- 11/2005      Invited Moderator, *Clinical Trials Oral Abstracts Session – PCI Trials*, AHA National Scientific Sessions, Dallas, Texas.

## Bibliography

### *Peer-Reviewed Publications*

1. **Nallamothu BK**, Fendrick AM, Rubenfire M, Saint S, Bandekar RR, Omenn GS. The potential clinical and economic effects of homocysteine reduction: a decision analysis. *Arch Intern Med*. 2000; 160:3406-3412.
2. **Nallamothu BK**, Saint S, Bielak LF, Rubenfire M, Peyser PA, Sonnad SS, Fendrick AM. Electron-beam computed tomography in the diagnosis of coronary artery disease: a meta-analysis. *Arch Intern Med*. 2001; 161:833-838.
3. **Nallamothu BK**, Saint S, Saha S, Fendrick AM, Kelley K, Ramsey SR. Coronary arteries bypass grafting in Native Americans: an increased risk of death? *J Gen Intern Med*. 2001; 16:554-558.
4. **Nallamothu BK**, Saint S, Kolas TJ, Eagle KA. Of nicks and time. *N Engl J Med*. 2001; 345:359-363.
5. **Nallamothu BK**, Saint S, Ramsey SD, Hofer TP, Vijan S, Eagle KA. The Role Of Hospital Volume In Coronary Artery Bypass Grafting: Is More *Always* Better? *J Am Coll Cardiol*. 2001; 38:1923-1930.
6. Ahn A, **Nallamothu BK**, Saint S. We're jinxed: are residents' fears of being jinxed during an on-call day founded? *Am J Med*. 2002; 112:504.
7. Bent S, **Nallamothu BK**, Simel D, Fihn S, Saint S. The Rationale Clinical Examination Series: Does this woman have an acute, uncomplicated urinary tract infection? *JAMA*. 2002; 287:2701-2710.
8. **Nallamothu BK**, Fendrick AM, Omenn GS. Homocyst(e)ine and coronary heart disease: pharmacoeconomic support for interventions to lower hyperhomocyst(e)inemia. *Pharmacoeconomics*. 2002; 20:429-442.
9. Cram P, **Nallamothu BK**, Fendrick AM, Saint S. Where's the beef: fast food at America's best hospitals. Research Letter. *JAMA*. 2002; 287:2945-2946.
10. **Nallamothu BK**, Saint S, Eagle KA, Langa KE, Fendrick AM, Hogikyan R, Kelley K, Ramsey SD. Coronary artery bypass grafting in octogenarians: clinical and economic outcomes at community-based facilities. *Am J Managed Care*. 2002; 8:749-755.
11. **Nallamothu BK**, Mehta RH, Saint S, Bossone E, Sectem U, Eagle KA, Evangelista A. Syncope in acute aortic dissection: diagnostic, prognostic, and clinical implications. *Am J Med*. 2002; 113:468-471.



12. **Nallamothu BK**, Chetcuti S, Mukherjee D, Grossman PM, Kline-Rogers E, Werns SW, Bates ER, Moscucci M. The impact of troponin-I elevation on long-term survival after percutaneous coronary intervention. *Am J Cardiol.* 2003; 91:1272-1274.
13. Dezfulian C, Lavelle J, **Nallamothu BK**, Kaufman SR, Saint S. Rates of infection in single versus multi-lumen central venous catheters: A meta-analysis. *Crit Care Med.* 2003; 31:2385-2390.
14. **Nallamothu BK**, Bates ER. Percutaneous coronary intervention versus fibrinolytic therapy in acute myocardial infarction: is timing (almost) everything? *Am J Cardiol.* 2003; 92:824-826.
15. **Nallamothu BK**, Chetcuti S, Mukherjee D, Eagle KA, Grossman PM, Giri K, McKechnie RS, Kline-Rogers E, Moscucci M. Long-term prognostic implication of extracardiac vascular disease in patients undergoing percutaneous coronary intervention. *Am J Cardiol* 2003; 92:964-966.
16. Mukherjee D, Eagle KA, Smith DE, Kline-Rogers EM, Chetcuti S, Grossman PM, **Nallamothu B**, O'Donnell M, DeFranco A, Maxwell-Eward A, McGinnity J., Meengs WM, Patel K, and Moscucci M. Impact of Extra-Cardiac Vascular Disease on Acute Prognosis in Patients Undergoing Percutaneous Coronary Interventions: Data From the Blue Cross & Blue Shield of Michigan Consortium [BMC2]. *Am J Cardiol.* 2003; 92:972-974.
17. Saint S, Higgins LA, **Nallamothu BK**, Chenoweth C. Do physicians examine their patients under contact precautions less frequently? *Am J Infect Control.* 2003; 31:354-356.
18. **Nallamothu BK**, Shojania K, Saint S, Hofer TP, Humes HD, Moscucci M, Bates ER. Is acetylcysteine effective in preventing contrast-related nephropathy? A meta-analysis. *Am J Med.* 2004; 117:938-947.
19. **Nallamothu BK**, Bates ER. Primary percutaneous coronary intervention versus fibrinolytic therapy in acute myocardial infarction: Does the choice of fibrinolytic agent impact on the importance of time-to-treatment? *Am J Cardiol.* 2004; 94:772-774.
20. **Nallamothu BK**, Saint S, Hofer TP, Vijan S, Eagle KA, Bernstein SJ. Impact of patient risk on the hospital volume-outcome relationship in coronary artery bypass grafting. *Arch Intern Med.* 2005; 165:333-337.
21. **Nallamothu BK**, Bates ER, Herrin J, Wang Y, Bradley EH, Krumholz HM for the NRMI Investigators. Times to treatment in transfer patients undergoing primary percutaneous coronary intervention in the United States: A National Registry of Myocardial Infarction (NRMI) 3/4 Analysis. *Circulation.* 2005; 111:761-767.

22. **Nallamothu BK**, Bates ER, Hochman JS, Granger CB, Guetta V, Wilcox RG, White HD, Armstrong PW, Savonitto S, Jia G, Lincoff AM, Topol EJ. Prognostic implication of activated partial thromboplastin time after reteplase or half-dose reteplase and abciximab: results from the GUSTO-V trial. *Eur Heart J*. 2005; 26:1506-12.
23. **Nallamothu BK**, Rogers MA, Saint S, McMahon L, Fries B, Langa KM. Skilled care requirements for elderly patients following coronary artery bypass grafting. *J Am Geriatrics Soc*. 2005; 53:1133-7.
24. Armstrong D, Kline-Rogers E, Jani S, Fang J, Mukherjee D, Goldman E, **Nallamothu BK**, Eagle KA. Potential impact of the HIPAA Privacy Rule on data collection in a registry of acute coronary syndrome patients. *Arch Intern Med*. 2005; 165:1125-9.
25. Mukherjee D, Munir K, Hirsch AT, Chetcuti S, Grossman PM, Rajagopalan S, **Nallamothu BK**, Moscucci M, Henke P, Kassab E, Sohal C, Riba A, Person D, Luciano AE, DeGregorio M, Patel K, Rutkowski KC, Eagle KA. Development of a multicenter peripheral arterial interventional database: the PVD-QI2. *Am Heart J*. 2005; 149:1003-8.
26. **Nallamothu BK**, Saint M, Saint S, Mukherjee D. Double jeopardy. *N Engl J Med*. 2005; 353:75-80.
27. Tsai TT, **Nallamothu BK**, Mukherjee D, Rubenfire M, Fang J, Chan P, Kline-Rogers E, Patel A, Armstrong DF, Eagle KA, Goldberg AD. Effect of statin use in patients with acute coronary syndromes and a serum low-density lipoprotein  $\leq 80$  mg/dl. *Am J Cardiol*. 2005; 96:1491-3.
28. **Nallamothu BK**, Wang Y, Magid D, Herrin J, McNamara RH, Bates ER, Bradley EH, Pollack CV, Krumholz HM. Relation between hospital specialization with primary percutaneous coronary intervention and clinical outcomes in ST-elevation myocardial infarction: National Registry of Myocardial Infarction-4 Analysis. *Circulation*. 2006; 113:222-229.
29. **Nallamothu BK**, Bates ER, Wang Y, Bradley EH, Krumholz HM. Driving times and distances to hospitals with percutaneous coronary intervention in the United States: implications for pre-hospital triage of patients with ST-elevation myocardial infarction. *Circulation*. 2006; 113:1189-1195.
30. Rogers MA, Langa KM, Kim C, **Nallamothu BK**, McMahon LF Jr, Malani PN, Fries BE, Kaufman SR, Saint S. Contribution of infection to increased mortality in women after cardiac surgery. *Arch Intern Med*. 2006; 166:437-43.

31. Rathore SS, Epstein AJ, **Nallamothu BK**, Krumholz HM. Regionalization of ST-segment elevation acute coronary syndromes care: putting a national policy in proper perspective. *J Am Coll Cardiol*. 2006; 47:1346-9.
32. **Nallamothu BK**, Payvar S, Wang Y, Kosiborod M, Masoudi FA, Havranek EP, Foody JM, Casscells SW, Krumholz HM. Admission body temperature and mortality in elderly patients hospitalized for heart failure. *J Am Coll Cardiol*. 2006; 47:2563-4.
33. Chow T, Kereiakes DJ, Bartone C, Booth T, Schloss EJ, Waller T, Chung ES, Menon S, **Nallamothu BK**, Chan PS. Prognostic utility of microvolt T-wave alternans in risk stratification of patients with ischemic cardiomyopathy. *J Am Coll Cardiol*. 2006; 47:1820-7.
34. Bradley EH, Herrin J, Elbel B, McNamara RL, Magid DJ, **Nallamothu BK**, Wang Y, Normand SL, Spertus JA, Krumholz HM. Hospital quality for acute myocardial infarction: correlation among process measures and relationship with short-term mortality. *JAMA*. 2006; 296:72-8.
35. Pinto DS, Kirtane AJ, **Nallamothu BK**, Murphy SA, Cohen DJ, Laham RJ, Cutlip DE, Bates ER, Frederick PD, Miller DP, Carrozza JP, Antman EM, Cannon CP, Gibson CM. Hospital delays in reperfusion for ST-elevation myocardial infarction: implications when selecting a reperfusion strategy. *Circulation*. 2006; 114:2019-25.
36. **Nallamothu BK**, Taheri PA, Barsan WG, Bates ER. Broken bodies, broken hearts? Limitations of the trauma system as a model for regionalizing care for ST-elevation myocardial infarction in the United States. *Am Heart J*. 2006; 152:613-8.
37. Bradley EH, Herrin J, Wang Y, Barton BA, Webster TR, Mattera JA, Roumanis SA, Curtis JP, **Nallamothu BK**, Magid DJ, McNamara RL, Parkosewich J, Loeb JM, Krumholz HM. Strategies for reducing the door-to-balloon time in acute myocardial infarction. *N Engl J Med*. 2006; 355:1-13.
38. Rogers MAM, Blumberg N, Saint SK, Kim C, **Nallamothu BK**, Langa KM. Allogeneic blood transfusions explain increased mortality in women after coronary artery bypass graft surgery. *Am Heart J*. 2006; 152:1028-1034.
39. **Nallamothu BK**, Rogers MA, Chernew ME, Krumholz HM, Eagle KA, Birkmeyer JD. Opening of specialty cardiac hospitals and use of coronary revascularization in medicare beneficiaries. *JAMA*. 2007; 297; 962-968.
40. Wijeyesundera HC, Vijayaraghavan R, **Nallamothu BK**, Foody JM, Krumholz HM, Phillips CO, Kashani A, You JJ, Tu JV, Ko DT. Rescue angioplasty or repeat Fibrinolysis after failed fibrinolytic therapy for ST-segment myocardial infarction: a meta-analysis of randomized trials. *J Am Coll Cardiol*. 2007; 49:422-430.

41. **Nallamothu BK**, Young J, Gurn HS, Pickens G, Safavi K. Recent trends in hospital utilization for acute myocardial infarction and coronary revascularization in the United States. *Am J Cardiol.* 2007; 99:749-753.
42. Ross JS, Ho V, Wang Y, Cha SS, Epstein AJ, Masoudi FA, **Nallamothu BK**, Krumholz HM. Certificate of need regulation and cardiac catheterization appropriateness post-acute myocardial infarction. *Circulation.* 2007; 115:1012-1019.
43. Mahajerin A, Gurm HS, Tsai TT, Chan PS, **Nallamothu BK**, Vasodilator therapy in patients with aortic insufficiency: "A systematic review." *Am Heart J.* 2007; 153(4):454-461.
44. Chan PS, **Nallamothu BK**, Gurm HS, Hayward RA, Vijan S. Incremental benefit and cost-effectiveness of high-dose statin therapy in high-risk patients with coronary artery disease. *Circulation.* 2007; 115:2398-2409.
45. Boyden TF, **Nallamothu BK**, Moscucci M, Chan PS, Grossman PM, Tsai TT, Chetcuti SJ, Bates ER, Gurm HS. Meta-analysis of randomized trials of drug-eluting stents versus bare metal stents in patients with diabetes mellitus. *Am J Cardiol* 2007; 99:1399-1402.
46. Chow T, Kereiakes DJ, Bartone C, Booth T, Scholloss EJ, Waller T, Chung E, Menon S, **Nallamothu BK**, Chan PS. Microvolt T-wave alternans identifies patients with ischemic cardiomyopathy who benefit from implantable cardioverter-defibrillator therapy. *J Am Coll Cardiol.* 2007;49:50-58.
47. Fazel R, Froehlich JB, Williams DM, Saint S, **Nallamothu BK**. Clinical Problem-Solving: "A sinister development". *N Engl J Med.* 2007;5:357:53-59.
48. **Nallamothu BK**, Fox KAA, Kennelly BM, deWerf FV, Gore JM, Steg PHG, Granger CB, Dabbous OH, Kline-Rogers E, Eagle KA. Relationship of treatment delays and mortality in patients undergoing fibrinolysis and primary percutaneous coronary intervention. The Global Registry of Acute Coronary Events. *Heart.* 2007;93(12):1552-5.
49. **Nallamothu BK**, Krumholz HM, Ko DT, LaBresh KA, Rathore S, Roe MT, Schwamm L. Development of systems of care for ST-elevation myocardial infarction patients Gaps, Barriers, and implications. *Circulation.* 2007; 116:e68-72.
50. **Nallamothu BK**, Blaney ME, Morris SM, Parsons L, Miller DP, Canto JG, Barron HV, Krumholz HM. Acute Reperfusion Therapy in ST-elevation myocardial infarction from 1994-2003. *Am J Med.* 2007; 120:693-699.

51. Bradley EH, **Nallamothu BK**, Curtis JP, Webster TR, Magid DJ, Granger CB, Moscucci M, Krumholz HM. Summary of evidence regarding hospital strategies to reduce door-to-balloon times for patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention. *Crit Pathw Cardiol.* 2007; 6:91-97.
52. Kim C, DiezRoux AV, Hofer TP, **Nallamothu BK**, Bernstein SJ, Rogers MAM. Area socioeconomic status and mortality after coronary artery bypass graft surgery: The role of hospital volume. *Am Heart J.* 2007; 154; 385-390.
53. **Nallamothu BK**, Bradley EH, Krumholz HM. Time-to-treatment in primary percutaneous coronary intervention. *N Engl J Med.* 2007; 357;1631-8.
54. McNamara RL, Herrin J, Wang Y, Curtis J, Bradley EH, Magid DJ, Rathore S, **Nallamothu BK**, Peterson E, Blaney M, Frederick P, Krumholz HM. Impact of Delay in Door-to-Needle Time on Mortality in Patients with ST-segment Myocardial Infarction. *Am J Cardiol.* 2007; 100:1227-32.
55. **Nallamothu BK**, Wang Y, Bradley EH, Ho KKL, Curtis JP, Rumsfeld JS, Masoudi FA, Krumholz HM. Comparing hospital performance in door-to-balloon time between the hospital quality alliance and the national cardiovascular data registry. *J Am Coll Cardiol.* 2007; 50:1517-9.
56. **Nallamothu BK**, Wang Y, Cram P, Birkmeyer JD, Ross JS, Normand ST, Krumholz HM. Acute myocardial infarction and congestive heart failure outcomes at specialty cardiac hospitals. *Circulation.* 2007;116(20):2280-7.
57. Gurm HS, **Nallamothu BK**, Yadav J. Safety of carotid artery stenting for symptomatic carotid artery disease: A meta-analysis. *Eur Heart J.* 2008;29(1):113-9.
58. Chan, PS, Krumholz HM, Nichol G, **Nallamothu, BK**. Delayed time to defibrillation and survival after in-hospital cardiac arrest. *N Engl J Med.* 2008;358(1):9-17.
59. Eagle KA, **Nallamothu BK**, Mehta RH, et al. Trends in acute reperfusion therapy for ST-segment elevation myocardial infarction from 1999 to 2006: we are getting better but we have got a long way to go. *Eur Heart J.* 2008;29(5):609-617.
60. Shaw LJ, Shaw RE, Merz CN, Brindis RG, Klein LW, **Nallamothu BK**, Douglas PS, Krone RJ, McKay CR, Block PC, Hewitt K, Weintraub WS, Peterson ED. Impact of ethnicity and gender differences on angiographic coronary artery disease prevalence and in-hospital mortality in the American College of Cardiology-National Cardiovascular Data Registry. *Circulation.* 2008;117(14):1787-801.

61. Ting HH, Bradley EH, Wang Y, **Nallamothu BK**, Gersh BJ, Roger VL, Lichtman JH, Curtis JP, and Krumholz HK. Delay in presentation and reperfusion therapy in ST-elevation myocardial infarction. *Am J Med.* 2008;121(4):316-23.
62. Ting HH, Bradley EH, Wang Y, Lichtman JH, **Nallamothu BK**, Sullivan MD, Gersh JB, Roger VL, Curtis JP, Krumholz HM. Factors associated with longer time from symptom onset to hospital presentation for patients with st-elevation myocardial infarction. *Arch Intern Med.* 2008;168:959-968.
63. Chakrabarti A, Krumholz HM, Wang Y, Rumsfeld JS, **Nallamothu BK**. Time-to-reperfusion in patients undergoing interhospital transfer for primary percutaneous coronary intervention in the U.S: an analysis of 2005 and 2006 data from the National Cardiovascular Data Registry. *J Am Coll Cardiol.* 2008;52:2442-3.
64. Krumholz HM, Bradley EH, **Nallamothu BK**, Ting HH, Batchelor WB, Kline-Rogers E, Stern AF, Bryd JR, Brush JE. Jr. A Campaign to Improve the Timeliness of Primary Percutaneous Coronary Intervention: Door-to-Balloon: An Alliance for Quality. *J Am Coll. Cardiol. Interv.* 2008;1:97-104.
65. Popescu I, **Nallamothu BK**, Vaughan-Sarrazin MS, Cram P. Do Specialty Cardiac Hospitals Have Greater Adherence to Acute Myocardial Infarction and Heart Failure Process Measures? An Empirical Assessment Using Medicare Quality Measures Quality of care in cardiac specialty hospitals. *Am Heart J.* 2008;156:155-160.
66. Buckley JW, Bates ER, **Nallamothu BK**. Primary percutaneous coronary intervention expansion to hospitals without on-site cardiac surgery in Michigan: a geographic information systems analysis. *Am Heart J.* 2008;155:668-72.
67. **Nallamothu BK**, Hayward RA, Bates, ER. Beyond the Randomized Clinical Trial: The Role of Effectiveness Studies in Evaluating Cardiovascular Therapies. *Circulation.* 2008;118:1294-303.
68. Flanders SA, Kaufman SR, **Nallamothu BK**, Saint S. The University of Michigan Specialist-Hospitalist Allied Research Program: jumpstarting hospital medicine research. *J Hosp Med.* 2008;3:308-13.
69. Ting HH, Krumholz HM, Bradley EH, Cone DC, Curtis JP, Drew BJ, Field JM, French WJ, Gibler WB, Goff DC, Jacobs AK, **Nallamothu BK**, O'Connor RE, Schuur JD; American Heart Association Interdisciplinary Council on Quality of Care and Outcomes Research, Emergency Cardiovascular Care Committee; American Heart Association Council on Cardiovascular Nursing; American Heart Association Council on Clinical Cardiology. Implementation and integration of pre-hospital ECGs into systems of care for acute coronary syndrome: a scientific statement from the American Heart Association Interdisciplinary Council on Quality of Care and Outcomes Research, Emergency Cardiovascular Care

Committee, Council on Cardiovascular Nursing, and Council on Clinical Cardiology. *Circulation*. 2008;118:1066-79.

70. Bradley EH, **Nallamothu BK**, Stern AF, Byrd JR, Cherlin EJ, Wang Y, Yuan C, Nembhard I, Brush JE Jr., Krumholz HM. Contemporary evidence: baseline data from the D2B Alliance. *BMC Res Notes*. 2008;1:23.
71. Hogan SE, L'Allier P, Chetcuti S, Grossman PM, **Nallamothu BK**, Duvernoy C, Bates E, Moscucci M, Gurm HS. Current role of sodium bicarbonate-based preprocedural hydration for the prevention of contrast-induced acute kidney injury: a meta-analysis. *Am Heart J*. 2008;156:414-21.
72. Wijeyesundera HC, You JJ, **Nallamothu BK**, Krumholz HM, Cantor WJ, Ko DT. An early invasive strategy versus ischemia-guided management after fibrinolytic therapy for ST-segment elevation myocardial infarction: a meta-analysis of contemporary randomized controlled trials. *Am Heart J*. 2008;156:564-572, 572.e1-2.
73. **Nallamothu BK**, Liu X, Vaughn-Sarrazin M, Cram PS. Coronary Revascularization at Specialty Cardiac Hospitals and Peer General Hospitals in Black Medicare Beneficiaries. *Circulation: Quality & Outcomes*. 2008;1:116-122.
74. Wang DD, Kasapis C, **Nallamothu BK**. Spontaneous hemopericardium in a patient with homophilia B: a case report and review of the literature. *J Invasive Cardiol*. 2008; 20:E296-300.
75. Ross JS, Normand SL, Wang Y, **Nallamothu BK**, Lichtman JH, Krumholz HM. Hospital Remoteness and Thirty-Day Mortality From Three Serious Condition. *Health Aff*. 2008;27:1707-1717.
76. Krumholz HM, Anderson JL, Bachelder BL, Fesmire FM, Fihn SD, Foody JM, Ho PM, Kosiborod MN, Masoudi FA, **Nallamothu BK**. ACC/AHA 2008 Performance Measures for Adults With ST-Elevation and Non-ST-Elevation Myocardial Infarction: A Report of the American College of Cardiology/American Heart Association Task Force on Performance Measures (Writing Committee to Develop Performance Measures for ST-Elevation and Non-ST-Elevation Myocardial Infarction) Developed in Collaboration With the American Academy of Family Physicians and American College of Emergency Physicians Endorsed by the American Association of Cardiovascular and Pulmonary Rehabilitation, Society for Cardiovascular Angiography and Interventions, and Society of Hospital Medicine. *JAMA*. 2008;52(24):2046-2099.
77. Krumholz HM, Anderson JL, Bachelder BL, Fesmire FM, Fihn SD, Foody JM, Ho PM, Kosiborod MN, Masoudi FA, **Nallamothu BK**. ACC/AHA 2008 Performance Measures for Adults With ST-Elevation and Non-ST-Elevation Myocardial Infarction: A Report of the American College of Cardiology/American Heart Association Task Force on Performance Measures (Writing Committee to

- Develop Performance Measures for ST-Elevation and Non-ST-Elevation Myocardial Infarction) Developed in Collaboration With the American Academy of Family Physicians and American College of Emergency Physicians Endorsed by the American Association of Cardiovascular and Pulmonary Rehabilitation, Society for Cardiovascular Angiography and Interventions, and Society of Hospital Medicine. *Circulation*. 2008;118:2596-2648.
78. Ko DT, Wijeyesundera HC, Zhu X, Richards J, Tu JV, **Nallamothu BK**, et al. Canadian quality indicators for percutaneous coronary interventions. *Can J Cardiol*. 2008;24:899-903.
  79. Chan PS, **Nallamothu BK**, Spertus JA, Masoudi FA, Bartone C, Kereiakes DJ, Chow T. Impact of Age and Medical Co-Morbidity on the Effectiveness of Implantable Cardioverter-Defibrillators for Primary Prevention. *Circ Cardiovasc Qual Outcomes*. 2009;2:16-24. [Content Expert and Editing of Manuscript]
  80. Trikalinos TA, Alsheikh-Ali AA, Tatsioni A, **Nallamothu BK**, Kent DM. Percutaneous Coronary Interventions for Nonacute Coronary Artery Disease: A Quantitative Twenty-Year Synopsis. *The Lancet*. 2009;373:911-918. [Content Expert and Editing of Manuscript]
  81. **Nallamothu BK**, Krumholz HM, Peterson ED, Pan W, Bradley E, Stern AF, Masoudi FA, Janicke DM, Hernandez AF, Cannon CP, Fonarow GC. Door-to-Balloon times in hospitals within the Get-With-The Guidelines registry after Initiation of the Door-to-Balloon (D2B) Alliance. *Am J Cardiol*. 2009;103:1051-5.
  82. Campell-Scherer DL, Harrison RV, Hogikyan RV, Lowell MJ, O'Connor TP, **Nallamothu BK**. Secondary Prevention of Coronary Artery Disease. Ann Arbor, MI: Office of Clinical Affairs, University of Michigan Health System, 2009. [Available from the Agency for Healthcare Research and Quality at [www.gudeline.gov](http://www.gudeline.gov) and from UMHS at [www.med.umich.edu/1info/fhp/practiceguides](http://www.med.umich.edu/1info/fhp/practiceguides)] [Practice guideline]
  83. Rathore SS, Curtis JP, Chen J, Wang Y, **Nallamothu BK**, Epstein AJ, Krumholz HM. National Cardiovascular Data Registry. Association of door-to-balloon time and mortality in patients admitted to hospital with ST elevation myocardial infarction: national cohort study. *BMJ*. 2009; 228:b1807. [Content Expert and Editing of Manuscript]
  84. Fazel R, Dhaliwal G, Saint S, **Nallamothu BK**. Clinical problem-solving. A red flag. *N Engl J Med*. 2009 Sep.;360:2005-10.
  85. Chan PS, Birkmeyer JD, Krumholz HM, Spertus JA, **Nallamothu BK**. Racial and gender trends in the use of implantable Cardioverter-defibrillators among Medicare beneficiaries between 1997 and 2003. *Congest Heart Fail*. 2009.15:51-7.



86. Bradley EH, **Nallamothu BK**, Stern AF, Cherlin EJ, Wang Y, Byrd JR, Linnander EL, Nazem AG, Brush JE Jr, Krumholz HM. The door-to-balloon alliance for quality: who joins national collaborative efforts and why? *Jt Comm J Qual Patient Saf.* 2009. 35:93-9. [Content Expert and Editing of Manuscript]
87. Chan PS, Soto G, Jones Pg, **Nallamothu BK**, Zhang Z, Weintraub WS, Spertus JA. Patient health status and costs in heart failure: insights from the eplerenone post-acute myocardial infarction heart failure efficacy and survival study (EPHESUS). *Circulation.* 2009. 119:398-407. [Content Expert and Editing of Manuscript]
88. Chan PS, Nichol G, Krumholz HM, Spertus JA, **Nallamothu BK**. American Heart Association National Registry of Cardiopulmonary Resuscitation (NRCPR) Investigators. Hospital variation in time to defibrillation after in-hospital cardiac arrest. *Arch Intern Med.* 2009;169:1265-1273.
89. Roger MA, Blumberg N, Saint S, Langa KM, **Nallamothu BK**. Hospital Variation in transfusion and infection after cardiac surgery: a cohort study. *BMC.* 2009;31:7:37.
90. Krumholz HM, Wang Y, Chen J, Drye EE, Spertus JA, Ross JS, Curtis JP, **Nallamothu BK**, Lichtman JH, Hayranek, EP, Masoudi FA, Radford MJ, Han LF, Rapp MT, Straube BM, Normand SL. Reduction in acute myocardial infarction mortality in the United States: risk-standardized mortality rates from 1995-2006. *JAMA.* 2009;302:767-73. [Content Expert and Editing of Manuscript]
91. Wang TY, Fonarow GC, Hernandez AF, Liang L, Ellrodt G, **Nallamothu BK**, Shah BR, Cannon, Peterson ED. The dissociation between door-to-balloon time improvement and improvements in other acute myocardial infarction care processes and patient outcomes. *Arch Intern Med.* 2009; 169:1411-9. [Content Expert and Editing of Manuscript]
92. Fazel R, Krumholz HM, Wang Y, Ross JS, Chen J, Ting HH, Shah ND, Khurram N, Einstein AJ, **Nallamothu BK**. Exposure to Low-Dose Ionizing Radiation from Medical Imaging Procedures in the United States. *N Engl J Med.* 2009;361:849-57.
93. Tsai TT, **Nallamothu BK**, Prasad A, Saint S, Bates ER. Clinical problem-solving. A change of heart. *N Engl J Med.* 2009;361:1010-6. [Content Expert and Editing of Manuscript]
94. Chan PS, Nichol G, Krumholz HM, Spertus JA, Jones PG, Peterson ED, Rathore SS, **Nallamothu BK**. American Heart National Registry of Cardiopulmonary Resuscitation (NRCPR) Investigators. Racial differences in survival after in-hospital cardiac arrest. *JAMA.* 2009;302:1195-201.

95. Rathore SS, Curtis JP, **Nallamothu BK**, Wang Y, Foody JM, Kosiborod M, Massoudi FA, Hayranek EP, Krumholz HM. Association of door-to-balloon time and mortality in patient  $\geq 65$  years with ST elevation myocardial infarction undergoing primary percutaneous coronary intervention. *Am J Cardiol*. 2009;104;1198-203. [Content Expert and Editing of Manuscript]
96. Fazel R, Krumholz HM, Bates ER, French WJ, Frederick PD, **Nallamothu BK**; for the National Registry of Myocardial Infarction (NRMI) Investigators. Choice of Reperfusion Strategy at Hospitals With Primary Percutaneous Coronary Intervention: A National Registry of Myocardial Infarction Analysis. *Circulation*. 2009;120:2455-61.
97. Tsai TT, Maddox TM, Roe MT, Dai D, Alexander KP, Ho PM, Messenger JC, **Nallamothu BK**, Peterson ED, Rumsfeld JS; National Cardiovascular Data Registry. Contraindicated medication use in dialysis patients undergoing percutaneous coronary intervention. *JAMA*. 2009 Dec 9;302:2458-64. [Content Expert and Editing of Manuscript]
98. Chan PS, **Nallamothu BK**, Spertus JA, Masoudi FA, Bartone C, Kereiakes DJ, Chow T. Impact of age and medical comorbidity on the effectiveness of implantable cardioverter-defibrillators for primary prevention. *Circ Cardiovasc Qual Outcomes*. 2009 Jan;2(1):16-24. Epub 2009 Jan 6. [Content Expert and Editing of Manuscript]
99. Hummel SL, Pauli NP, Krumholz HM, Wang Y, Chen J, Normand SL, **Nallamothu BK**. Thirty-day outcomes in medicare patients with heart failure at heart transplant centers. *Circ Heart Fail*. 2010 Mar;3(2):244-52. Epub 2010 Jan 8.
100. Bradley EH, **Nallamothu BK**, Herrin J, Ting HH, Stern AF, Nembhard IM, Yuan CT, Green JC, Kline-Rogers E, Wang Y, Curtis JP, Webster TR, Masoudi FA, Fonarow GC, Brush JE Jr, Krumholz HM. National efforts to improve door-to-balloon time results from the Door-to-Balloon Alliance. *J Am Coll Cardiol*. 2009 Dec 15;54(25):2423-9. [Content Expert and Editing of Manuscript]
101. Chen J, Krumholz HM, Wang Y, Curtis JP, Rathore SS, Ross JS, Normand SL, Schreiner GC, Mulvey G, **Nallamothu BK**. Differences in patient survival after acute myocardial infarction by hospital capability of performing percutaneous coronary intervention: Implications for regionalization. *Arch Intern Med*. 2010 Mar 8;170(5):433-9.
102. Wijeyesundera HC, **Nallamothu BK**, Krumholz HM, Tu JV, Ko DT. Meta-analysis: effects of percutaneous coronary intervention versus medical therapy on angina relief. *Ann Intern Med*. 2010 Mar 16;152(6):370-9. [Content Expert and Editing of Manuscript]

103. Chan PS, Gold MR, **Nallamothu BK**. Do Beta-Blockers Impact Microvolt T-Wave Alternans Testing in Patients At Risk for Ventricular Arrhythmias? A Meta-Analysis. *J Cardiovasc Electrophysiol*. 2010 Apr 6.
104. Smolderen KG, Spertus JA, **Nallamothu BK**, Krumholz HM, Tang F, Ross JS, Ting HH, Alexander KP, Rathore SS, Chan PS. Health care Insurance, financial concerns in accessing care, and delays to hospital presentation in acute myocardial infarction. *JAMA*. 2010 Apr 14;303(14):1392-400.
105. Chan PS, Khumri T, Chung ES, Ghio S, Reid KJ, Gerritse B, **Nallamothu BK**, Spertus JA. Echocardiographic dyssynchrony and health status outcomes from cardiac resynchronization therapy: insights from the PROSPECT trial. *JACC Cardiovasc Imaging*. 2010 May;3(5):451-60.
106. Popescu I, **Nallamothu BK**, Vaughan-Sarrazin MS, Cram P. Racial differences in admissions to high-quality hospitals for coronary heart disease. *Arch Intern Med*. 2010 Jul 26;170(14):1209-15.
107. Iwashyna TJ, Kahn JM, Hayward RA, **Nallamothu BK**. Interhospital Transfers Among Medicare Beneficiaries Admitted for Acute Myocardial Infarction at Nonrevascularization Hospitals. *Circ Cardiovasc Qual Outcomes*. 2010 Aug 3.
108. Bradley EH, Nembhard IM, Yuan CT, Stern AF, Curtis JP, Nallamothu BK, Brush JE Jr, Krumholz HM. What Is the Experience of National Quality Campaigns? Views from the Field. *Health Serv Res*. 2010 Aug 4.
109. Jain R, Nallamothu BK, Chan PS; for the American Heart Association National Registry of Cardiopulmonary Resuscitation (NRCPR) Investigators. Body Mass Index and Survival After In-Hospital Cardiac Arrest. *Circ Cardiovasc Qual Outcomes*. 2010 Aug 10.
110. Chen J, Einstein AJ, Fazel R, Krumholz HM, Wang Y, Ross JS, Ting HH, Shah ND, Nasir K, Nallamothu BK. Cumulative exposure to ionizing radiation from diagnostic and therapeutic cardiac imaging procedures: a population-base analysis. *J Am Coll Cardiol*. 2010 Aug 24;56(9):702-11.

#### *Non-Peer-Reviewed Publications*

1. Green C, **Nallamothu BK**, Shea MJ. Case-of-the-Month. *Am J Med*. 2001; 110:146.
2. **Nallamothu BK**, Saint S, Rubenfire M, Fendrick AM. Electron beam computed tomography in the diagnosis of obstructive coronary artery disease. *J Am Coll Cardiol*. 2001; 37:689-690. [Letter to the Editor]

3. **Nallamothu BK**, Saint S, Rubenfire M, Fendrick AM. Electron beam computed tomography and coronary artery disease. *Arch Intern Med.* 2001; 161:2625. [Letter to the Editor]
4. **Nallamothu BK**, Kolias TJ, Eagle KA. Pulsus paradoxus in pericardial tamponade and acute aortic dissection. *N Engl J Med.* 2001; 345:1576. [Letter to the Editor]
5. **Nallamothu BK**, Eagle KA. When zebras run with horses: the diagnostic dilemma of acute aortic dissection complicated by myocardial infarction. *J Interven Cardiol.* 2002; 15:297-299. [Editorial Comment]
6. **Nallamothu BK**, Saint S, Eagle KA. Volume and outcome. *N Engl J Med.* 2002; 347:693-694. [Letter to the Editor]
7. Bent S, **Nallamothu BK**, Fihn SD, Saint S. Clinical diagnosis of urinary tract infection. *JAMA.* 2002; 288:1229-1231. [Letter to the Editor]
8. **Nallamothu BK**, Patel D, Eitzman DT. Clinical Images. *J Rev Am Coll Cardiol.* 2003; 12:85-86.
9. **Nallamothu BK**, Bates ER. Peri-procedural myocardial infarction and mortality: causality versus association. *J Am Coll Cardiol.* 2003; 42:1412-1414. [Editorial Comment]
10. **Nallamothu BK**, Saint S, Eagle KA. CABG, volume and risk. *Circulation* 2003; 108:e6-7. [Letter to the Editor]
11. **Nallamothu BK**, Eagle K. University of Michigan Cardiovascular Center Pocket Guidelines: Management of Acute Myocardial Infarction 2005.
12. Tsai TT, **Nallamothu BK**, Bates ER. Letter by Tsai et al regarding article, "correlates and long-term outcomes of angiographically proven stent thrombosis with sirolimus- and Paclitaxel-eluting stents". *Circulation* 2006; 114:e362; author reply e363. [Letter to the Editor]
13. **Nallamothu BK**, Eagle K. University of Michigan Cardiovascular Center Pocket Guidelines: Acute Coronary Syndromes (ACS) Critical Pathways Guidelines 2005.
14. **Nallamothu BK**, Eagle KA. Should coronary artery bypass grafting be regionalized? *Ann Thoracic Surg.* 2005; 80:1572-81. [Editorial Comment]
15. Chan PS, **Nallamothu BK**, Chow T. Microvolt T-wave alternans: where do we go from here? *J Am Coll Cardiol* 2006; 47:1736; author reply 1736-7. [Letter to the Editor]

16. Chan PS, **Nallamothu BK**, Hayward RA. High-dose statins and the IDEAL study. *JAMA* 2006; 295:2477; author reply 2478-9. [Letter to the Editor]
17. Chan PS, **Nallamothu BK**, Hayward RA. Keeping apples and oranges separate: reassessing clinical trials that use composite end points as their primary outcome. *J Am Coll Cardiol* 2006; 48:850; author reply 851-2. [Letter to the Editor]
18. Kasapis C, **Nallamothu BK**. Use of the electrocardiogram in optimizing reperfusion for ST-elevation myocardial infarction: a new role for an old tool? *Eur Heart J*. 2007;28:2957-9. [Editorial Comment]
19. Buckley JW, **Nallamothu BK**. Facilitated percutaneous coronary intervention as a treatment strategy for ST-elevation myocardial infarction, STEMI May 2007; 2:3-4. [Editorial Comment]
20. Chan PS, **Nallamothu BK**, Hayward RA. Rosuvastatin in patients with elevated C-reactive protein. *N Engl J Med*. 2009. 360:1039. [Content Expert and Editing of Manuscript]
21. Rumsfeld JS, **Nallamothu BK**. The hope and fear of rimonabant. *JAMA*. 2008;299(13):1601-2. [Editorial Comment]
22. Bates ER, **Nallamothu BK**. Commentary: The role of percutaneous coronary intervention in ST-segment-elevation myocardial infarction. *Circulation*. 2008;118:567-73. [Editorial Comment]
23. Chan PS, **Nallamothu BK**, Oral H. Amiodarone or dronedarone for atrial fibrillation: too early to know the winner? *J Am Coll Cardiol*. 2009;54:1096-8. [Editorial Comment]
24. Buckley JW, **Nallamothu BK**. Percutaneous coronary intervention after successful fibrinolytic therapy for ST-segment elevation myocardial infarction. Better late than never. *J Am Coll Cardiol*. 2010 Jan 12;55(2):111-3. [Editorial Comment]

#### *Book Chapters*

1. **Nallamothu BK** (Contributor). "Cardiovascular Disease." In Tierney LM, Saint S, Whooley MA (Editors). Essentials of Diagnosis & Treatment, 2nd Edition. New York: McGraw-Hill; 2002.
2. **Nallamothu BK** (Contributor). "Cardiovascular Diseases." In Saint S, Francis C (Editors). Saint-Francis Guide to Internal Medicine, 2<sup>nd</sup> Edition. Lippincott Williams and Wilkins; 2004.

3. Tsai TT, **Nallamothu BK**. "Contrast Agents." In Mukherjee D, Cho L, Moliterno D (Editors). 900 Questions: An Interventional Cardiology Review. Lippincott Williams and Wilkins; 2006.
4. **Nallamothu BK**, Topol EJ, "Chapter 5 Renal Dysfunction." In Topol EJ (Editor) Textbook of Interventional Cardiology, 5<sup>th</sup> Edition. Saunders; 2007.
5. **Nallamothu BK**, Bates E. "Chapter 11 Inter-hospital transfer for primary PCI." In Bates ER (Editor). Reperfusion Therapy for acute myocardial infarction. Informa; 2008.
6. Bates E, **Nallamothu BK**. "Chapter 14 ST Elevation Myocardial Infarction." In Toth P (Editor), Cannon CP. Comprehensive Cardiovascular Medicine in the Primary Care Setting. Humana Press; 2009.
7. **Nallamothu BK**, Tsai TT, Tu JV. "Chapter 6: Implementing evidence-based medicine in cardiology." In Yusuf S et al. (Editors). Evidence-Based Cardiology. Wiley-Blackwell; 2010.

#### *Published Abstracts*

1. **Nallamothu BK**, Saint S, Bielak LF, Rubenfire M, Peyser PA, Sonnad SS, Fendrick AM. Electron-beam computed tomography in the diagnosis of coronary artery disease: a meta-analysis. *J Gen Intern Med*. 2000; 15:86.
2. **Nallamothu BK**, Fendrick AM, Rubenfire M, Saint S, Bandekar R, Omenn G. The potential clinical and economic effects of homocysteine reduction: a decision analysis. *J Gen Intern Med*. 2000; 15:87.
3. **Nallamothu BK**, Saint S, Ramsey SD, Hofer TP, Vijan S, Eagle KA. The role of hospital volume in coronary artery bypass grafting: is more *always* better? *Circulation*. 2000; 18:II-846.
4. Shehab TM, Inadomi JM, **Nallamothu BK**, Fendrick AM. Clinical and economic impact of population-based screening for Hepatitis C: a decision analysis. *Gastroenterology*. 2000; 118:II-1179A.
5. **Nallamothu BK**, Mehta RH, Saint S, Eagle KA, for the IRAD Investigators. Syncope in aortic dissection: diagnostic, prognostic, and clinical implications. *J Am Coll Cardiol*. 2002; 39:241A.
6. **Nallamothu BK**, Pelosi F, Knight BP, Strickberger SA, Morady F, Oral H. Cost comparison of radiofrequency ablation and antiarrhythmic therapy of atrial flutter. *J Am Coll Cardiol*. 2002; 39:448A.

7. **Nallamothu BK**, Chetcuti S, Mukherjee D, Grossman PM, Kline-Rogers E, Werns SW, Bates ER, Moscucci M. The impact of troponin-I elevation on long-term survival after percutaneous coronary intervention. *Eur Heart J*. 2002; 23:155.
8. **Nallamothu BK**, Mukherjee D, Chetcuti S, Grossman PM, Dumasia R, Kline-Rogers E, Pitt B, Eagle KA, Moscucci M. Combination evidence-based therapy improves survival after percutaneous coronary intervention. *J Am Coll Cardiol*. 2004; 72:421A.
9. **Nallamothu BK**, Bates ER, Herrin J, Wang Y, Bradley EH, Krumholz HM. Door-to-balloon and door-to-door times in transfer patients undergoing primary percutaneous coronary intervention in the United States. *Am Heart J*. 2004; 3530:III-765.
10. Pinto DS, Kirtane AJ, Barron HV, Blaney M, Frederick PD, Miller DP, **Nallamothu BK**, Bates ER, Antman EM, Cannon CP, Gibson CM. *Am Heart J*. 2004;2510:III-538.
11. Tsai TT, **Nallamothu BK**, Grossman PM, Mukherjee D, Chetcuti S, Moscucci M, Bates ER. Does facilitated percutaneous coronary intervention improve angiographic and clinical outcomes in ST elevation myocardial infarction? A quantitative review. *J Am Coll Cardiol*. 2005; 234:243A.
12. Chan P, Chow T, Bartone C, Booth T, Scholss EJ, Waller T, Chung E, Menon S, **Nallamothu BK**, Kereiakes D. Predictive power of microvolt T-wave alternans in risk stratifying MADIT-II and SCD-HeFT eligible patients. *Circulation*. 2005; 2535:II-532.
13. Eagle KA, Mehta RH, **Nallamothu BK**, Granger CB, Steg PG, Van de Werf F, Lopez-Sendon J, Goodman SG, Allegro J, Fox KA, The GRACE Investigators. Global reperfusion therapy in acute myocardial infarction – 1999 to 2004: We’re getting better, but we have a long way to go. The global registry of acute coronary events. *Circulation*. 2005; 3692:II.
14. **Nallamothu BK**, fox KA, Kennelly BM, Van de Werf F, Gore JM, Steg PG, Granger CB, Dabbous OH, Kline-Rogers E, Eagle KA, The GRACE Investigators. Is the relationship of time delay in reperfusion and mortality steeper for Fibrinolysis than for primary percutaneous coronary intervention? The global registry of acute coronary events. *Circulation*. 2005; 3685:II-793.
15. **Nallamothu BK**, Wang Y, Magid DJ, Pollack CV, McNamara RL, Herrin J, Bradley EH, Bates ER, Krumholz HM, NRMH Investigators. Hospital specialization with primary PCI is related to improved outcomes. A national registry of myocardial infarction-4 analysis. *Circulation*. 2005; 3686:II-793.
16. Fazel R, **Nallamothu BK**, Saab F, Armstrong D, Fang J, Kline-Rogers E, Rogers BC, Eagle KA, Froehlich JB. Renin-angiotensin system inhibition improves outcomes in

acute coronary syndrome patients with chronic kidney disease and preserved left ventricular function. *J Am Coll Cardiol*. 2006;246:200A

17. **Nallamothu BK**, Bates ER, Wang Y, Bradley EH, Polavarapu V, Krumholz HM. Driving times and distances to hospitals with percutaneous coronary intervention in the U.S.: implications for pre-hospital triage of patients with ST-elevation myocardial infarction. *J Am Coll Cardiol*. 2006; 47:256A.
18. Mahajerin A, Tsai TT, Kline-Rogers E, Fang J, May N, Bolling M, **Nallamothu BK**, Eagle KA. Six-month mortality in diabetic patients admitted for acute coronary syndromes is independent of hemoglobin A1C level. *AHA*. May 2006;P26.
19. Boyden Jr TF, Gurn HS, **Nallamothu BK**. Drug-eluting stents in diabetic patients: meta-analysis of randomized trials. *AHA*. May 2006; P56.
20. Mahajerin A, Gurm HS, Tsai TT, Chan PS, **Nallamothu BK**. Long-term vasodilator therapy in chronic, severe, asymptomatic aortic insufficiency: a systematic review. *AHA*. May 2006; P139.
21. Chan PS, Kereiakes DJ, Bartone C, Booth T, Schloss EJ, Waller T, Chung E, Menon S, **Nallamothu BK**, Chow T. Microvolt T-Wave Alternans Identifies ICD Benefit in Ischemic Cardiomyopathy Patients. *AHA*. 2006;II-402:2003.
22. Jones NJ, Lipp E, Kronik S, **Nallamothu BK**. Institutional characteristics influence self-reported time to defibrillation in patients with in-hospital cardiac arrest due to ventricular tachyarrhythmia: A national registry of cardiopulmonary resuscitation analysis. *AHA*. 2006; II-350:1776.
23. Curtis JP, Wang Y, Rathore SS, Epstein A, **Nallamothu BK**, Rumsfeld J, Krumholz HM. Lower procedural success and higher complications in octogenarians with STEMI referred for emergency cardiac catheterization: results from the American College of Cardiology-National Cardiovascular Data Registry (ACC-NCDR). *AHA*. 2006; II-345:1753.
24. Bradley EH, Curtis JP, Herrin J, Wang Y, Barton BA, Webster T, Mattera J, **Nallamothu BK**, Roumanis SA, Magid DJ, McNamara RL, Parkosewich J, Loeb JM, Krumholz HM. Reducing Door-to-balloon times: hospital strategies that work. *AHA*. 2006;II-419:2069.
25. Curtis J, Wang Y, **Nallamothu BK**, Rathore SS, Epstein A, Rumsfeld J, Krumholz HM, Spertus J. PCI in asymptomatic outpatients undergoing cardiac catheterization: results from the American College of Cardiology – National Cardiovascular Data Registry (ACC-NCDR). *AHA*. 2006;II-841:3915.



26. Chan PS, **Nallamothu BK**, Gurm HS, Hayward RA, Vijan S. Cost-effectiveness of high-dose statin therapy in high-risk patients with coronary artery disease. *AHA*. 2006;II-814:3807.
27. **Nallamothu BK**, Wang Y, Rathore SS, Epstein AJ, Curtis JP, Krumholz HM. Time-to-reperfusion in patients undergoing inter-hospital transfer for primary percutaneous coronary intervention in the United States: results from the National Cardiovascular Data Registry. *AHA*. 2006;II-420:2072.
28. **Nallamothu BK**, Wang Y, Curtis JP, Epstein AJ, Rathore SS, Klein L, Weintraub WS, Krumholz HM. Contemporary Analysis of the Association between hospital volume and in-hospital death in patients undergoing percutaneous coronary intervention: results from the National Cardiovascular Data Registry. *AHA*. 2006;II-836:3898.
29. Bradley EN, Herrin J, Curtis J, **Nallamothu BK**, Magid D, Krumholz HM. Strategies to reduce door-to-balloon time in myocardial infarction. Panel Title: Translating Research into Practice: Case Study for Improving Heart Attack Care. Carolyn Clancy Moderator, January 2007.
30. Brush J, Batchelor WE, Kline-Rogers E, **Nallamothu BK**, Bradley EH, Krumholz HM. Moving from research to practice: the D2B national campaign. Panel Title: Translating Research into Practice: Case Study for Improving Heart Attack Care. Carolyn Clancy Moderator, January 2007.
31. **Nallamothu BK**, Wang Y, Bradley EH, Curtis J, Rumsfeld J, Masoudi FA, Krumholz HM. Comparison of hospital Door-to-Balloon times reported by centers for Medicare and Medicaid Services and the American College of Cardiology – National Cardiovascular Data Registry: Apples and Oranges? *J Am Coll Cardiol*. 2007;49:277A-277A.
32. Ting HH, Bradley EH, Wang Y, **Nallamothu BK**, Curtis JP, Lichtman JH, Roger VL, Gersh BJ, Krumholz HM. Ten Year Secular Trends and characteristics associated with patient delay from symptom onset to first hospital arrival in St-Elevation Myocardial infarction. *J Am Coll Cardiol*. 2007;287A:1024-148.
33. Bradley EH, **Nallamothu BK**, Stern AF, Byrd JR, Cherlin EJ, Wang Y, Yuan C, Nembhard I, Brush JE, Krumholz HM. Hospital Strategies for Reducing Door-to-Balloon Time. *J Am Coll Cardiol*. 2008;1005:149.
34. Chan PS, Birkmeyer JD, Krumholz HM, Spertus JA, **Nallamothu BK**. Racial and Gender Trends in the Use of Implantable Cardioverter-Defibrillators Among Medicare Beneficiaries Between 1997 and 2003. *J Am Coll Cardiol*. 2008;1019:149.
35. Wang T, Peterson ED, Ou FS, **Nallamothu BK**, Rumsfeld JS, Roe MT. Do Hospitals that Improve “Direct Arrival” Door to Balloon Times for Primary

- Percutaneous Coronary Intervention Improve “Transfer IN’ Door to Balloon Times?” *Circulation*. 2008;118:S1108.
36. **Nallamothu BK**, Krumholz HM, Peterson ED, Pan W, Masoudi FA, Bradley EH, Stern A, Janicke D, Hernandez A, Cannon C, Fonarow GC, and for the Get-With-The Guidelines registry, for the D2B Alliance. *Circulation*. 2008;118:S1107.
  37. Chan PS, **Nallamothu BK**, Ting HH, Tang F, Krumholz HM, Spertus JA. Factors Associated with Longer Delays from Symptom Onset to Hospital Presentation in Patients with Acute Myocardial Infarction. *Circulation*. 2008;118:S1107-1108S.
  38. Rathore SS, Curtis JP, Chen J, **Nallamothu BK**, Wang Y, Epstein AJ, Krumholz HM. Primary Percutaneous Coronary Intervention Door-to-Balloon Time and Mortality in Patients Hospitalized with ST-Elevation Myocardial Infarction: Is 90 Minutes Fast Enough? *Circulation*. 2008;118:S1074.
  39. Ting HH, Chen AY, Roe MT, Chan PS, Spertus JA, **Nallamothu BK**, Sullivan MD, DeLong ER, Krumholz HM, Peterson ED. Factors Associated with Longer Delays to Hospital Presentation for Patients with Non-ST-Elevation Myocardial Infarction. *Circulation*. 2008;118:S1164.
  40. Chen J, Krumholz HM, Wang Y, Curtis JP, Rathore SS, Ross JS, Normand SL, Schreiner G, Mulvey G, **Nallamothu B**. Survival In Medicare Beneficiaries After Acute Myocardial Infarction at Hospitals with Percutaneous Coronary. *Circulation: Quality and Outcome*. 2009;P-79.
  41. Popescu I, **Nallamothu B**, Vaughan-Sarrazin M, Cram P. Racial Differences In Admissions To High Quality Hospitals For Black and White Patients with Coronary Heart Disease. *Circulation: Quality and Outcome*. 2009;P-145.
  42. Bradley EH, **Nallamothu BK**, Herrin J, Ting HH, Stern AF, Nembhard IM, Yuan CT, Green JC, Kline-Rogers E, Wang Y, Curtis JP, Masoudi FA, Fonarow GC, Brush Jr. JE, Krumholz HM. National Efforts to Improved Door-to-Balloon Time: Results from the D2B Alliance. *Circulation: Quality and Outcome*. 2009;P-150.